

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A METHOD OF DEPOSITING A LOW K DIELECTRIC BARRIER FILM FOR COPPER DAMASCENE APPLICATION

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on _____, under Serial No. _____, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known) _____ and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial No.</u>	<u>Filing Date</u>
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PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☒ No such applications have been filed

☐ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Status</u>
<u>Abandoned</u>			<u>Pending</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436

Walter Benjamin Glen
B. Todd Patterson
Raymond R. Moser, Jr.
Keith M. Tackett
Douglas H. Elliott
William B. Patterson

Registration No. 44,713
Registration No. 37,906
Registration No. 34,682
Registration No. 32,008
Registration No. 32,982
Registration No. 34,102

Send correspondence to:

Direct telephone calls to:

Patent Counsel
Applied Materials, Inc.
P.O. Box 450-A
Santa Clara, CA 95052

B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **sole or first** inventor: CHI-I LANG

Inventor's

signature: Chi-I Lang

Date: 02/20/2002

Residence:

1252 Rembrandt Drive
Sunnyvale, CA 94087

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: TAIWAN

Full name of **second** inventor: LI-QUN XIA

Inventor's

signature: Li-Qun Xia

Date: 2/20/2002

Residence:

868 Leith Avenue
Santa Clara, CA 95054

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: P.R. CHINA

Full name of **third** inventor: PING XU

Inventor's

signature: Ping Xu

Date: 2/21/2002

Residence:

48888 Crown Ridge Common
Fremont, CA 94539

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: USA

Full name of **fourth** inventor: LOUIS YANG

Inventor's

signature: _____

Date: _____

Residence:

152 Dorado Terrace
San Francisco, CA 94112

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: USA

(Declaration ends with this page)

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			<input type="checkbox"/> Yes <input type="checkbox"/> No

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Country:

Application No:

Filing date:

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<u>Serial No.</u>	<u>Filing Date</u>
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Full name of **sole or first** inventor: CHI-I LANG

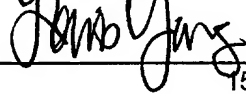
Inventor's
signature: _____ Date: _____
Residence: 1252 Rembrandt Drive
Sunnyvale, CA 94087
Post Office Address: Same as above.
U.S.A. Country of Citizenship: TAIWAN
Full name of **second** inventor: LI-QUN XIA

Inventor's
signature: _____ Date: _____
Residence: 868 Leith Avenue
Santa Clara, CA 95054
Post Office Address: Same as above.
U.S.A. Country of Citizenship: P.R. CHINA

Full name of **third** inventor: PING XU

Inventor's
signature: _____ Date: _____
Residence: 48888 Crown Ridge Common
Fremont, CA 94539
Post Office Address: Same as above.
U.S.A. Country of Citizenship: USA

Full name of **fourth** inventor: LOUIS YANG

Inventor's
signature:  _____ Date: 2/16/02
Residence: 152 Dorado Terrace
San Francisco, CA 94112
Post Office Address: Same as above.
U.S.A. Country of Citizenship: USA

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